

# Remote Programming Power-Up Guide



POWER-UP





# Thank you for purchasing the SmartDispenser™

## **THE FUTURE OF FLUID DISPENSING.**

**This setup guide is designed to help Users quickly and easily get the SmartDispenser™ system installed and running.**

**If you are unsure of any step or have questions, consult your SmartDispenser™ Setup Guide, contact your Fishman distributor, or call us at one of the numbers below.**

**US & Canada: 800-433-2115**

**United Kingdom: 1905 456008**

**Europe: +441905 456008**

**Worldwide: 1-508-435-2115**

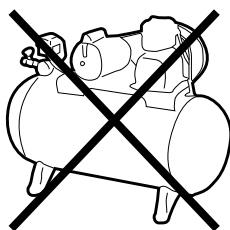
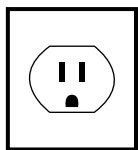


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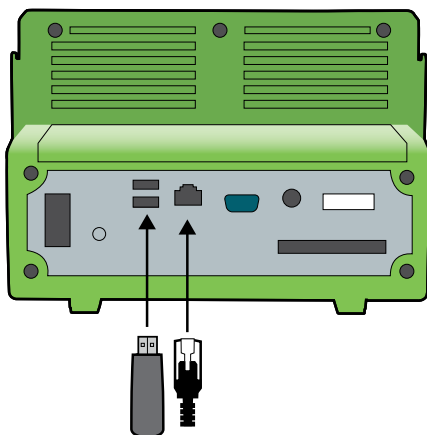
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# 1.0 Prepare your workspace for the SmartDispenser™

- 1.1** Be sure your work area has access to electrical power. You will not need compressed air. The SmartDispenser™ works without air.



- 1.2** The SmartDispenser™ utilizes a WiFi (USB WiFi adapter included) or Ethernet connection via the back panel for networking, App downloads, software updates and real time production data over the cloud.

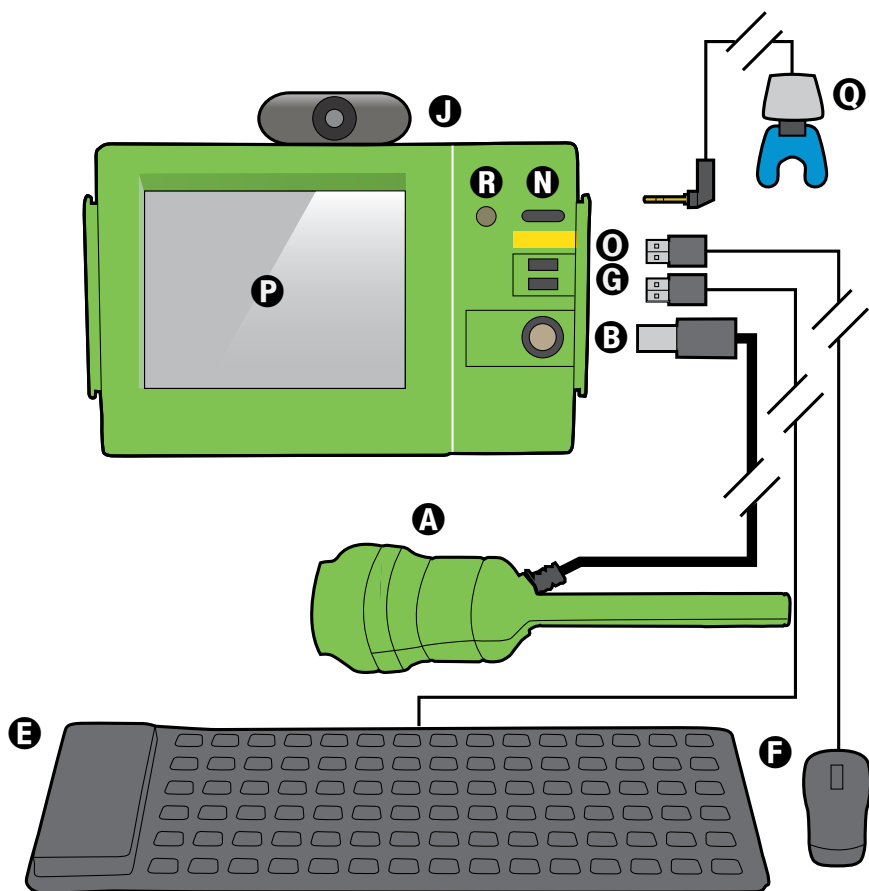


# 2.0 Unpack your SmartDispenser™ System

- 2.1** Remove all items from the box.
- 2.2** Use the checklist provided to confirm that all components are present.

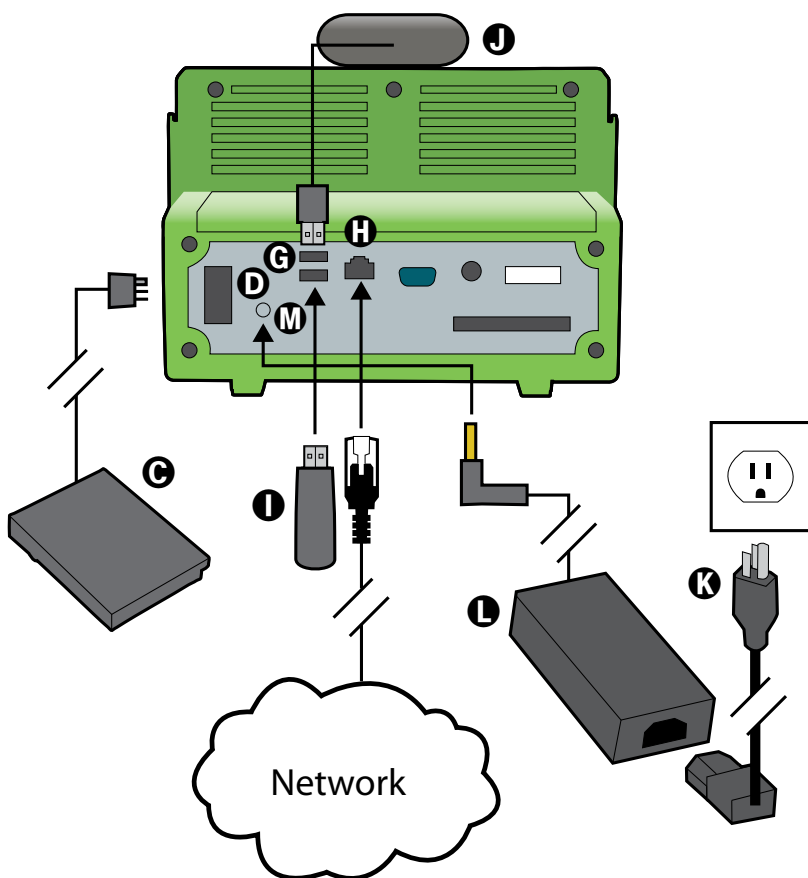
## 3.0 Hook up your SmartDispenser™ components

### 3.1 Refer to the diagram to connect all components and peripheral devices to the SmartDispenser™.



## SmartDispenser™ Components

- |                         |                                       |                           |
|-------------------------|---------------------------------------|---------------------------|
| A. Dispense Gun         | H. Ethernet Port                      | M. Power Supply Connector |
| B. Gun Connector        | I. Cisco Wireless Connectivity Device | N. On/Off Button          |
| C. Foot Pedal           | J. Video Camera                       | O. Power Light            |
| D. Foot Pedal Connector | K. Power Cord                         | P. Touch Screen           |
| E. Keyboard             | L. Universal Power Supply             | Q. Earphone               |
| F. Mouse                | R. Earphone Port                      |                           |
| G. USB connectors       |                                       |                           |



- 3.2 Plug SmartDispenser™ dispense gun **A** into gun connector **B** located on the front of the SmartDispenser™.
- 3.3 Place the foot pedal **C** on the floor and plug it into the foot pedal input connector **D** located on the back of the SmartDispenser™.
- 3.4 Connect the system keyboard **E** and mouse **F** using one of the four USB connectors **G** located on the front and back of the SmartDispenser™.
- 3.5 Connect your SmartDispenser™ to an Ethernet network using the Ethernet port **H** found on the back of the unit. If you have a wireless network, install the supplied wireless connectivity device **I** in one of the USB connectors **G** located on the front and back of the unit.
- 3.6 Plug the supplied video camera **J** into one of the four USB connectors **G** located on the front and back of the SmartDispenser™.
- 3.7 Connect the power cord **K** to the universal power supply **L**.
- 3.8 Connect the universal power supply **L** to the power supply connector **M** on the back of the SmartDispenser™. Plug the power cord **K** into a power outlet.
- 3.9 Connect the 2.5mm earphone **Q** to earphone port **R**.



## 4.0 Startup and Logon the LDS9000 Traditional Mode of SmartDispenser™

- 4.1** Press the black startup button **N** on the front of the SmartDispenser™. The green power light will illuminate **①**. The system software will now begin to boot up and in approximately 1 minute the Windows 7 Logon screen will display.



- 4.2** Contact Administrator/Supervisor and inform them the SmartDispenser™ is ready for programming.
- 4.3** Once you receive notification from the Administrator/Supervisor the system is programmed, proceed to section 5 - page 10.

## 5.0 Setting up a programmed SmartDispenser™

- 5.1 In a few moments, you will be required to fill a Genius™ barrel and piston with your assembly fluid. Refer to syringe filling videos for proper filling instruction. Tap/click *Video* icon. On the left navigation panel, tap click “Videos” and select one of the listed syringe filling videos.



- 5.2 Tap/click on the *User* icon.



- 5.3 On home screen Tap/click on the *LDS9000 Traditional Mode* icon.





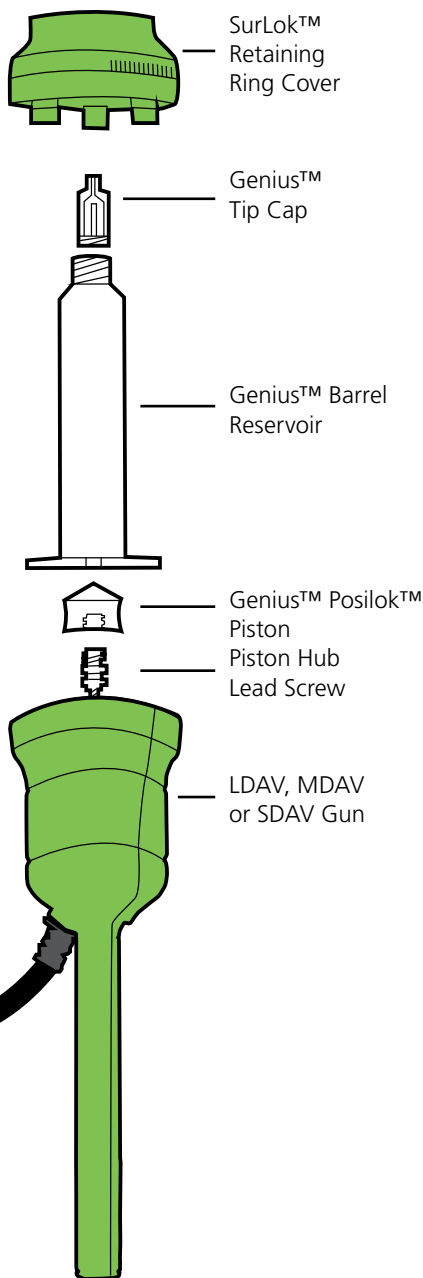
**5.4** Make sure “User” appears in drop down menu and tap/click “Logon”.

## 6.0 LDAV, MDAV or SDAV Gun Assembly

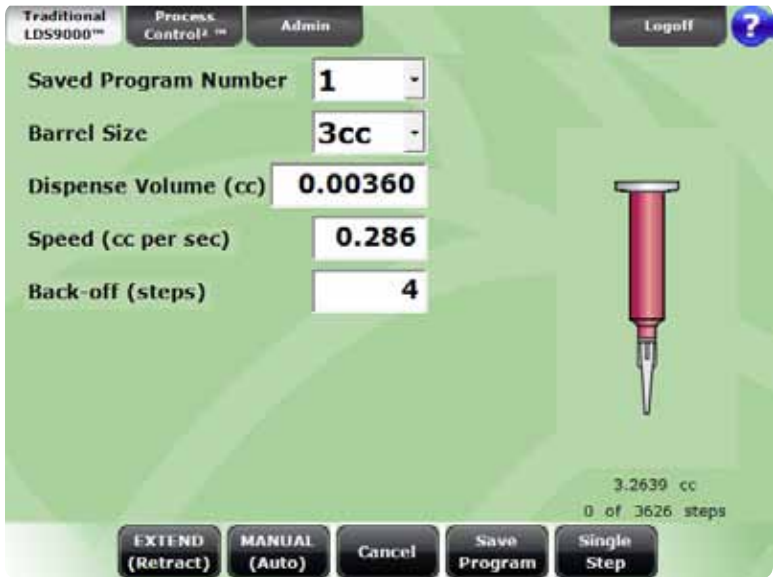
6.1 The SmartDispenser™ dispense guns are available in different configurations.

- LDAV (Large Dot Any Viscosity)
- MDAV (Medium Dot Any Viscosity)
- SDAV (Small Dot Any Viscosity)

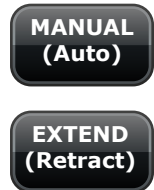
The gun connectors are identical for easy hook-up to the SmartDispenser™.



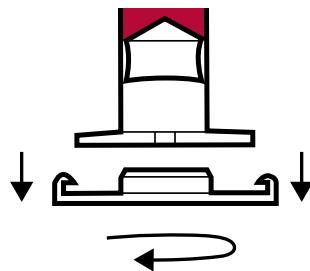
## 7.0 Attach the Genius™ Barrel Reservoir to LDAV, MDAV or SDAV Gun



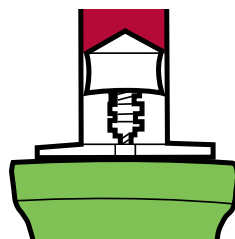
- 7.1 Verify the *AUTO(Manual)* button is set to *MANUAL(Auto)*. Verify the *EXTEND(Retract)* button is set to *EXTEND(Retract)*.



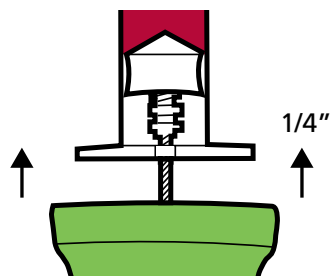
- 7.2** Remove the seal from the Genius™ barrel reservoir pre-filled with your assembly fluid.



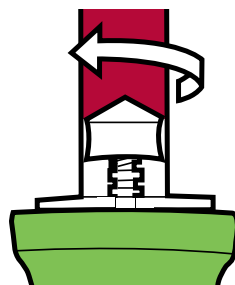
- 7.3** Holding the dispensing gun with the piston hub pointed upward, place the barrel reservoir over the piston hub of the dispensing gun.



- 7.4** Holding both barrel reservoir and dispense gun loosely, step on the foot pedal until the barrel reservoir ears are raised at least 1/4" (6.35 mm) above the plate.



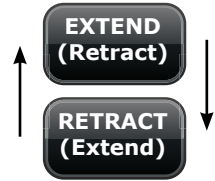
- 7.5** Manually twist the barrel reservoir in a clockwise direction until the luer lock connector is finger tight and the ears of the barrel reservoir are flush against the retaining plate.



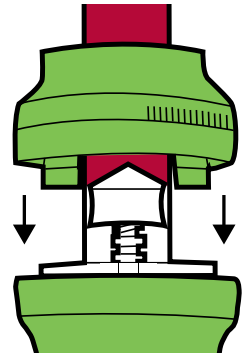
### CAUTION:

Do not over-tighten the barrel reservoir. It is only necessary to make a loose connection to bring the barrel reservoir flush. The retaining ring holds the barrel reservoir in place.

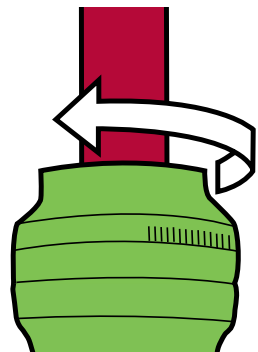
**TIP:** It may be necessary to tap/click the *EXTEND(Retract)* button to *RETRACT(Extend)* and step on the foot pedal to bring the ears completely flush to the retaining plate. If you set the switch to *RETRACT(Extend)*, be sure it is set back to *EXTEND(Retract)* before proceeding.



**7.6** Slide the retaining ring cover over the Genius™ barrel reservoir and align the legs with the open slots of the adapter plate.

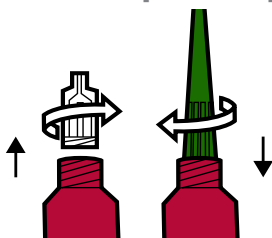


**7.7** Rotate the retaining ring cover in a clockwise direction until it locks in place. The barrel reservoir is now firmly connected to the dispenser gun.



## 8.0 Prime the Genius™ FreeFlow™ Dispense Tip

- 8.1** Remove tip cap from the barrel by twisting counter-clockwise and pulling. Attach the 18G green Genius™ FreeFlow™ Tapered Tip provided in the Dispense Tip kit.

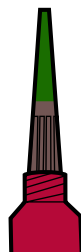


- 8.2** Hold the dispense tip over the provided dot chart as shown, press the foot pedal intermittently until the fluid begins to flow towards the end of the Genius™ FreeFlow™ tip.

**Goal:** To stop the fluid when flush with the end of the Genius™ FreeFlow™ tip with no air pockets.

**Tip:** Genius™ all plastic FreeFlow™ tips work best. There are multiple size tips indicated by color. To find the tip that works best increase or decrease gauge size. If a stainless steel dispense tip is necessary always use .25" length tip.

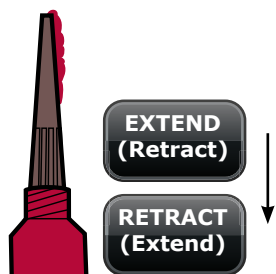
- 8.3** If too little fluid: Continue to press on the foot pedal intermittently causing the fluid to flow to the tip.





**8.4** If too much fluid: On the control panel, tap/click the *EXTEND*(Retract) button to *RETRACT*(Extend).

**8.5** Step on the foot pedal in small short pulses until the fluid stops flowing from the tip.



**Goal:** To stop the forward motion of the fluid by retracting the piston and sucking the fluid back.

**8.6** Clean the tip so it appears as pictured.

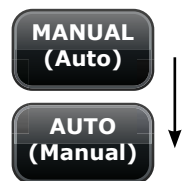
**Note:** If the material continues to ooze, repeat step 8.4 to 8.5.

**8.7** On the control panel, tap/click the *RETRACT*(Extend) button to *EXTEND*(Retract).



**8.8** Tap/click *MANUAL*(Auto) button to *AUTO*(Manual).

**8.9** Ask Supervisor/Administrator if the program was saved in Traditional LDS9000 or ProcessControl<sup>2</sup>.



**8.10** If Traditional tap/click the Traditional LDS9000 tab.

Traditional  
LDS9000™

Process  
Control<sup>2</sup>™

**8.11** If ProcessControl<sup>2</sup> tap/click the ProcessControl<sup>2</sup> tab.

**YOU ARE NOW READY TO DISPENSE.**



Meets applicable CE requirements.

User Manual

Remote Programming Power-Up Guide | Version 1

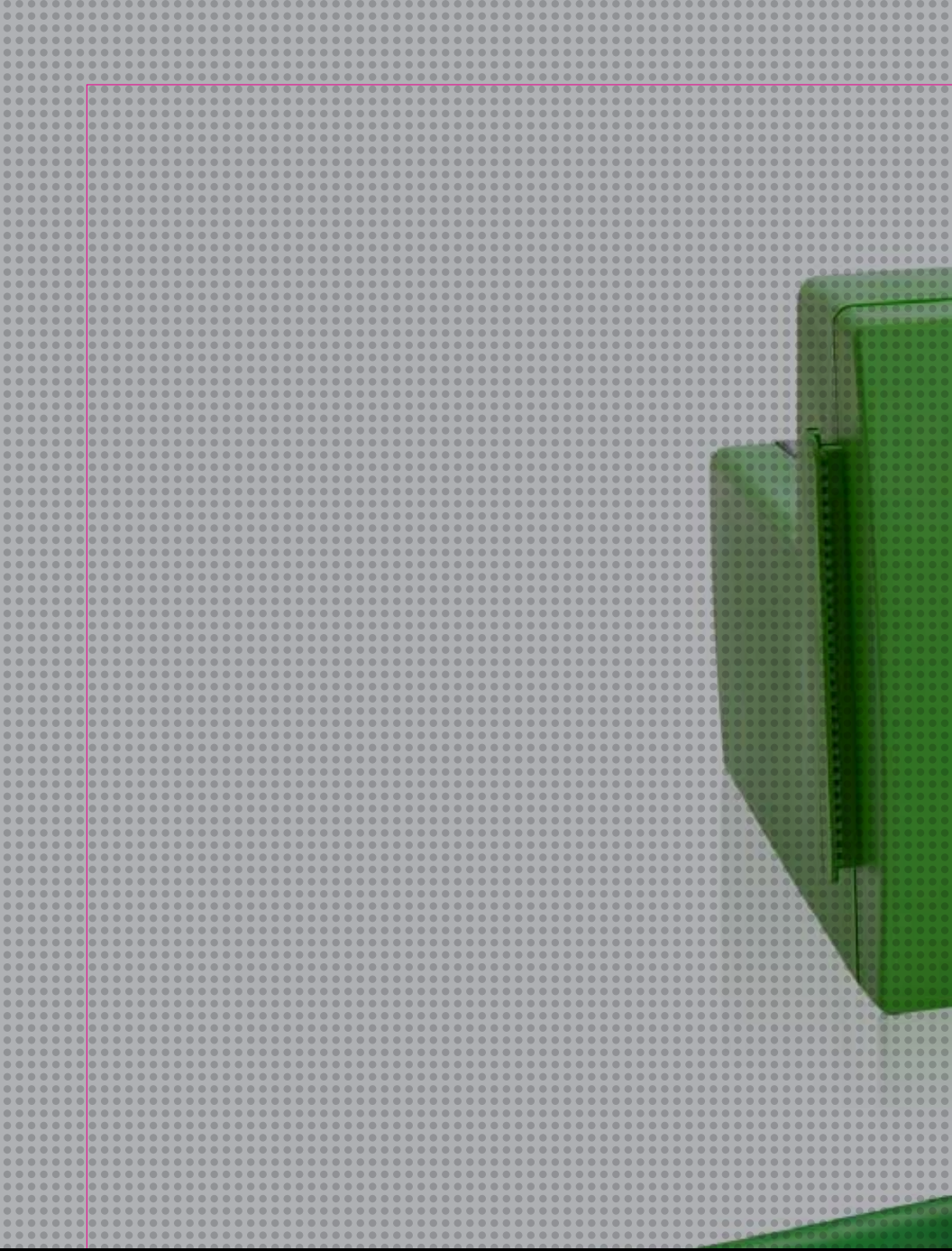
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